

**Laboratory** Apex Calibration Laboratory, Plot No. 6A, Gali No.-3, Basai Enclave,  
Phase – II, Gurgaon, Haryana

**Accreditation Standard** ISO/IEC 17025: 2005

**Discipline** Thermal Calibration

**Issue Date** 22.05.2016

**Certificate Number** C-0802

**Valid Until** 21.05.2018

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Quantity Measured/ Instrument	Range / Frequency	*Calibration Measurement Capability ( $\pm$ )	Remarks
<b>I. TEMPERATURE</b>			
1. RTD, THERMOCOUPLE WITH OR WITHOUT INDICATOR / DATA LOGGER/ GLASS THERMOMETER, TEMPERATURE TRANSMITTER <sup>#</sup>	(-) 20 °C to 50 °C	1.2 °C	Using RTD/Digital Multimeter by Comparison Method
	50 °C to 250 °C	1.5 °C	Using Low Temperature Bath, Oil Bath by Comparison Method
2. RTD, THERMOCOUPLE WITH OR WITHOUT INDICATOR / DATA LOGGER/ TEMPERATURE TRANSMITTER <sup>#</sup>	250 °C to 400 °C	2.5 °C	Using RTD, S Type Thermocouple , Digital Multimeter by Comparison Method
	400 °C to 1200 °C	2.5 °C	Using Dry Block Furnace & Digital Universal Calibrator by Comparison Method

\* Measurement Capability is expressed as an uncertainty ( $\pm$ ) at a confidence probability of 95%

<sup>#</sup> The laboratory is also capable for site calibration however, the uncertainty at site depends on the prevailing actual environmental conditions and master equipment used.

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